

ABSTRACT OF THE DISCLOSURE

A mechanism is provided for implementing multi-level computing resource scheduling control in operating system partitions. In one implementation, one or more partitions may be established within a global operating system environment provided by an operating system. Each partition may have one or more groups of one or more processes executing therein. Each partition may have associated therewith a partition share value, which indicates what portion of the computing resources provided by a processor set has been allocated to the partition as a whole. Each group of one or processes may have associated therewith a process group share value, which indicates what portion of the computing resources allocated to the partition has been allocated to that group of processes. Once properly associated, the partition share value and the process group share value may be used to control the scheduling of work onto the processor set.